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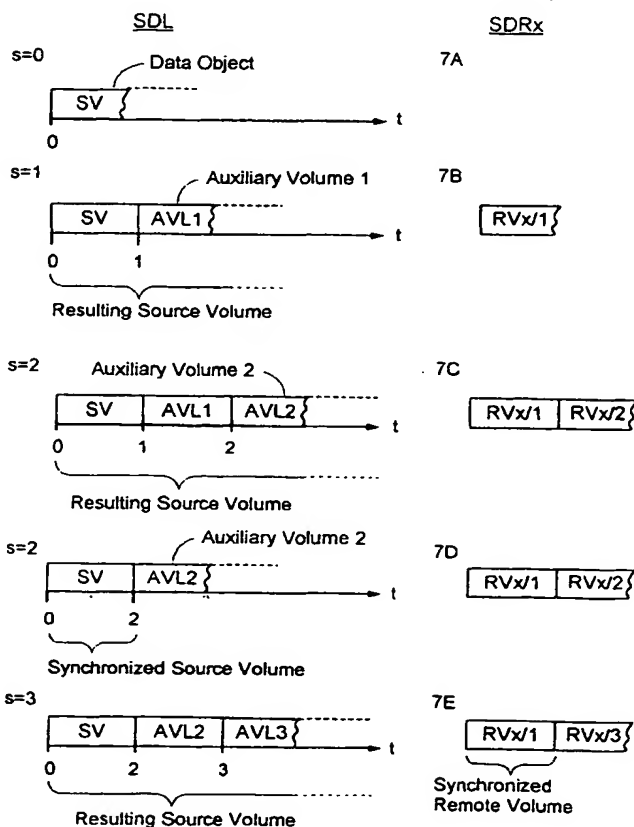
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[Continued on next page]

(54) Title: ASYNCHRONOUS MIRRORING IN A STORAGE AREA NETWORK



(57) Abstract: A method and a system for simultaneously mirroring of one or many data objects from one or many local storage devices to one or many remote storage devices. The one or many data objects may be used during mirroring. A mirroring functionality consists of the application of a succession of freeze and copy procedures repeated sequentially in successive mirroring cycles. Only the last local updated mirrored version is saved in the remote storage device(s). Each new updated version overwrites the previous version. Mirroring is performed asynchronously in the background by freezing and copying successive discrete blocks of data. The mirroring functionality is operable to perform more than one mirroring operation simultaneously as well as simultaneously cross-mirroring.

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